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PTO/SB/21 (04-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/719,956	
	Filing Date	November 20, 2003	
	First Named Inventor	Xue Mei Zhou	
	Art Unit	1645	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	4	Attorney Docket Number	3527.1

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - cover letter - 16 references - 1449 forms
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Sandra E. Wells, Reg. No. 52,349
Signature	
Date	July 8, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Julia Le		
Signature		Date	July 8, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT  
Attorney Docket No. 3527.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Xue Mei Zhou

Serial No: 10/719,956

Filing Date: November 11, 2003

Title: **Methods of Genetic Analysis of  
Rat**

Examiner: Unknown

Group Art Unit: 1645

INFORMATION DISCLOSURE  
STATEMENT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Modified Form-1449 are called to the attention of the Examiner for consideration in connection with the above-identified patent application. In accordance with 37 CFR 1.98(d), references #11-26 are included herewith.

Citation of these documents shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made; or (3) an admission that the information cited herein is, or is considered to be, material to patentability in any way, including that as defined in § 1.56(b).

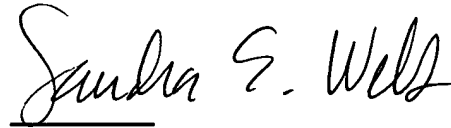
Applicants believe that no fee is required for submission of this statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby

authorized to charge the required fees to Account No. 01-0431 in order to have this Information Disclosure Statement considered.

Dated: July 8, 2004

Respectfully submitted,

Customer No. 22886  
Legal Department  
Affymetrix, Inc.  
3380 Central Expressway  
Santa Clara, CA 95051  
Tel: (408) 731-5000/Fax (408) 731-5392

A handwritten signature in cursive script that reads "Sandra E. Wells". The signature is written in black ink and is positioned above the printed name and registration number.

Sandra E. Wells  
Reg. No. 52,349



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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/719,956
Filing Date	November 20, 2003
First Named Inventor	Xue Mei Zhou
Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	3527.1

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 6,309,822	10-30-2001	Fodor et al.	
	2	US- 5,800,992	09-01-1998	Fodor et al.	
	3	US- 5,143,854	09-01-1992	Pirrung et al.	
	4	US- 5,324,633	06-28-1994	Fodor et al.	
	5	US- 6,300,063	10-09-2001	Lipshutz et al.	
	6	US- 5,679,523	10-21-1997	Li et al.	
	7	US- 5,723,594	03-03-1998	Janjic et al.	
	8	US- 4,277,437	07-07-1981	Maggio	
	9	US- 4,275,149	06-23-1981	Litman et al.	
	10	US- 4,366,241	12-28-1982	Tom et al.	
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### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	11	WO 92/10588	06-25-1992	Fodor et al.		
	12	WO 90/15070	12-13-1990	Pirrung et al.		
	13	WO 92/10092	06-25-1992	Fodor et al.		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08b(08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/719,956		
		Filing Date	November 20, 2003		
		First Named Inventor	Xue Mei Zhou		
		Art Unit	1645		
		Examiner Name	Unknown		
Sheet	1	of	1	Attorney Docket Number	3527.1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	14	FODOR et al. "Light-directed, spatially addressable parallel chemical synthesis." Science. 1991 Feb 15;251(4995):767-73.	
	15	WODICKA et al. "Genome-wide expression monitoring in Saccharomyces cerevisiae." Nat Biotechnol. 1997 Dec;15(13):1359-67.	
	16	ZHANG et al. "Gene expression profiles in normal and cancer cells." Science. 1997 May 23;276(5316):1268-72.	
	17	RAMOS-NINO et al. "Microarray analysis and RNA silencing link fra-1 to cd44 and c-met expression in mesothelioma." Cancer Res. 2003 Jul 1;63(13):3539-45.	
	18	QIN et al. "Gene expression profiles and transcription factors involved in parathyroid hormone signaling in osteoblasts revealed by microarray and bioinformatics." J Biol Chem. 2003 May 30;278(22):19723-31. Epub 2003 Mar 18.	
	19	O'CONNELL et al. "A large scale genetic analysis of c-Myc-regulated gene expression patterns." J Biol Chem. 2003 Apr 4;278(14):12563-73. Epub 2003 Jan 14.	
	20	NACIFF et al. "Gene expression profile induced by 17 alpha-ethynyl estradiol in the prepubertal female reproductive system of the rat." Toxicol Sci. 2003 Apr;72(2):314-30. Epub 2003 Mar 07.	
	21	WARREN et al. "The BMP antagonist noggin regulates cranial suture fusion." Nature. 2003 Apr 10;422(6932):625-9.	
	22	ROBERTS and SZOSTAK. "RNA-peptide fusions for the in vitro selection of peptides and proteins." Proc Natl Acad Sci U S A. 1997 Nov 11;94(23):12297-302.	
	23	CHO et al. "Parallel analysis of genetic selections using whole genome oligonucleotide arrays." Proc Natl Acad Sci U S A. 1998 Mar 31;95(7):3752-7.	
	24	WINZELER et al. "Direct allelic variation scanning of the yeast genome." Science. 1998 Aug 21;281(5380):1194-7.	
	25	ANDERSSON et al. "Comparative genome organization of vertebrates. The First International Workshop on Comparative Genome Organization." Mamm Genome. 1996 Oct;7(10):717-34.	
	26	SHOEMAKER et al. "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy." Nat Genet. 1996 Dec;14(4):450-6.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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